

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S10 7	421	S106 and diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 18:34
S10 6	937	S105 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 18:34
S10 3	132	S102 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 18:32
S10 5	1460	(photodiode or photodetect\$4) with (\$4particle or (quantum adj dot))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 18:31
S10 4	77	S103 not mirkin.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 18:30
S10 2	620	(nanoparticle) and (nanometer or nm or diameter) and (optoelectronic) and (electrode)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 18:00
S10 1	196	S100 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 18:00
S10 0	938	(nanoparticle) and (nanometer or nm or diameter) and (optoelectronic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 18:00

## EAST Search History

S99	176	S98 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 18:00
S98	893	((CdS or CdSe) with nanoparticle) and (nanometer or nm or diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 18:00
S41	525	S40 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 17:53
S97	907	(CdS or CdSe) with nanoparticle	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 17:52
S96	19	("5272355"   "5285078"   "5324965"   "5331180"   "5427648").PN. OR ("5567954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 17:52
S95	152	S94 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 16:25
S36	14	S35 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 16:25
S94	517	(nanowire or (quantum adj wire)) and ("p-type" and "n-type") and ((light adj (emis\$4 or emit\$4)) or LED)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 16:24
S81	677	S80 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 16:23

## EAST Search History

S93	48	("20020130311" "3493431" "3580732" "3632405" "4099986" "5260957" "5332910" "5363394" "5363394" "5607876" "5702822" "5858862" "5858862" "5881200" "6093941" "6103540" "6225198" "6231744" "6248674" "6306736" "6539156" "6597496").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 16:08
S92	0	("20020130311" "3493431" "3580732" "3632405" "4099986" "5260957" "5332910" "5363394" "5363394" "5607876" "5702822" "5858862" "5858862" "5881200" "6093941" "6103540" "6225198" "6231744" "6248674" "6306736" "6539156" "6597496").PN.).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/19 16:08
S91	2	("20020130311").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/19 16:08
S90	4	("5363394" "5881200" "6539156" "6597496").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 16:04
S89	13	("4812886"   "4926232"   "4959696"   "4973858"   "4974037"   "4999697"   "5017973"   "5021863"   "5023674"   "5093699"   "5130766"   "5234848"   "5283445").PN. OR ("H001570").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 16:02
S88	9	("5401980"   "5422496").PN. OR ("5604154").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 13:21
S87	16	("4983540"   "5104824"   "5372675"   "5376225"   "5562802"   "5600163"   "5604154"   "5691552"   "5714766").PN. OR ("6121157").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 13:19
S86	47	("5021839"   "5336904"   "5385853"   "5534713").PN. OR ("6191432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 13:14
S85	295	S81 not S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 13:07

## EAST Search History

S84	19	("5272355"   "5285078"   "5324965"   "5331180"   "5427648").PN. OR ("5567954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 13:04
S83	529	S82 and @ad<"20030328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 12:42
S82	943	(quantum adj wire) and ((quantum adj dot) or \$4particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 12:39
S80	1347	quantum adj wire	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 12:38
S79	1347	quantum adj wire	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 11:16
S78	3	("5440148").PN. OR ("5679961").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 11:16
S77	4	("5889288"   "6323504").PN. OR ("6635898").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 09:06
S76	2	("20020190249").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/19 08:56
S75	15	("20020041736"   "20020079485"   "20020080842"   "20020114367"   "20030066998"   "20030107927"   "5881200"   "5889288"   "6240114"   "6281519"   "6294794"   "6320220"   "6329668"   "6498354"   "6512242").PN. OR ("6978070").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 08:56
S74	11	("5710051"   "5844279"   "5972744"   "6042998"   "6091076"   "6198113"   "6204517"   "6414333"   "6441392"   "6472705"   "6527968").PN. OR ("7041539").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/19 08:38

## EAST Search History

S73	505	S72 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:30
S72	1647	S70 and S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:30
S71	1888417	electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:30
S70	4210	S67 same S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:29
S69	6392	S67 and S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:29
S68	4997264	semiconductor or silicon or si or gaas or (gallium adj arsenide) or SiC or (silicon adj carbide) or SiGe or (Silicon adj germanium) or INP or (indium adj phosphide) or InAsP or (indium adj arsenide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:29
S67	7763	quantum adj dot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/19 08:27

## EAST Search History

S66	2	("20030089899").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 16:35
S65	207	S64 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 16:35
S58	136	S57 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 16:31
S64	403	majumdar.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 16:30
S63	22	("4675074"   "5034344"   "5236864"   "5266518").PN. OR ("5372675"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 16:29
S62	4	S60 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 16:25
S61	7007	"977".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 16:25
S60	574	S59 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 16:25

## EAST Search History

S59	1051	fine adj semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 16:24
S55	370	S54 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 16:24
S57	641	(silicon or Si) adj (NEMS or MEMS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 15:45
S56	17758	(silicon or Si) with (NEMS or MEMS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 15:45
S54	840	(silicon or si) adj waveguid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 15:35
S53	10180	(silicon or si) with waveguid\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 15:35
S52	50	S51 and @ad<"20020328"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 15:35

## EAST Search History

S51	129	"stranski-krastanov" or (stranski adj krastanov)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 15:28
S50	126	"stranski-krastanov" or (stranski adj krastanov)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 15:28
S48	4	("6172902"   "6476409").PN. OR ("6843902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 15:27
S49	3	("6172902"   "6476409"   "6843902").PN. OR ("7220346").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:37
S47	14	("4393349"   "4473833"   "4509018"   "5093618"   "5326986"   "5334884"   "5343147"   "5453691"   "5532485"   "5574290"   "5831278"   "6066948").PN. OR ("6690162").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:35
S46	11	("20020117738"   "20020121636"   "20030027724"   "20030098455"   "5153171"   "5917322"   "6459097"   "6495854"   "6504172"   "6690162").PN. OR ("6919579").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:34
S45	6	("20030027724"   "20030098455"   "5917322"   "6459097"   "6495854"   "6504172").PN. OR ("6987282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 14:33
S44	6	("20030027724"   "20030098455"   "5917322"   "6459097"   "6495854"   "6504172").PN. OR ("6987282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 13:36
S43	3	("6333016").PN. OR ("6923946").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 13:27
S42	6	("20030027724"   "20030098455"   "5917322"   "6459097"   "6495854"   "6504172").PN. OR ("6987282").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/18 13:21
S40	1129	S38 and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 13:13



## EAST Search History

S39	480352	"257".clas. or "438".clas. or "977".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 13:13
S38	23917	ballistic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 13:13
S37	2	("6798000").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 13:12
S35	289	nanowire with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/18 13:04